

JWID 96 Demonstration JW-067 Imagery Communications with the MXF

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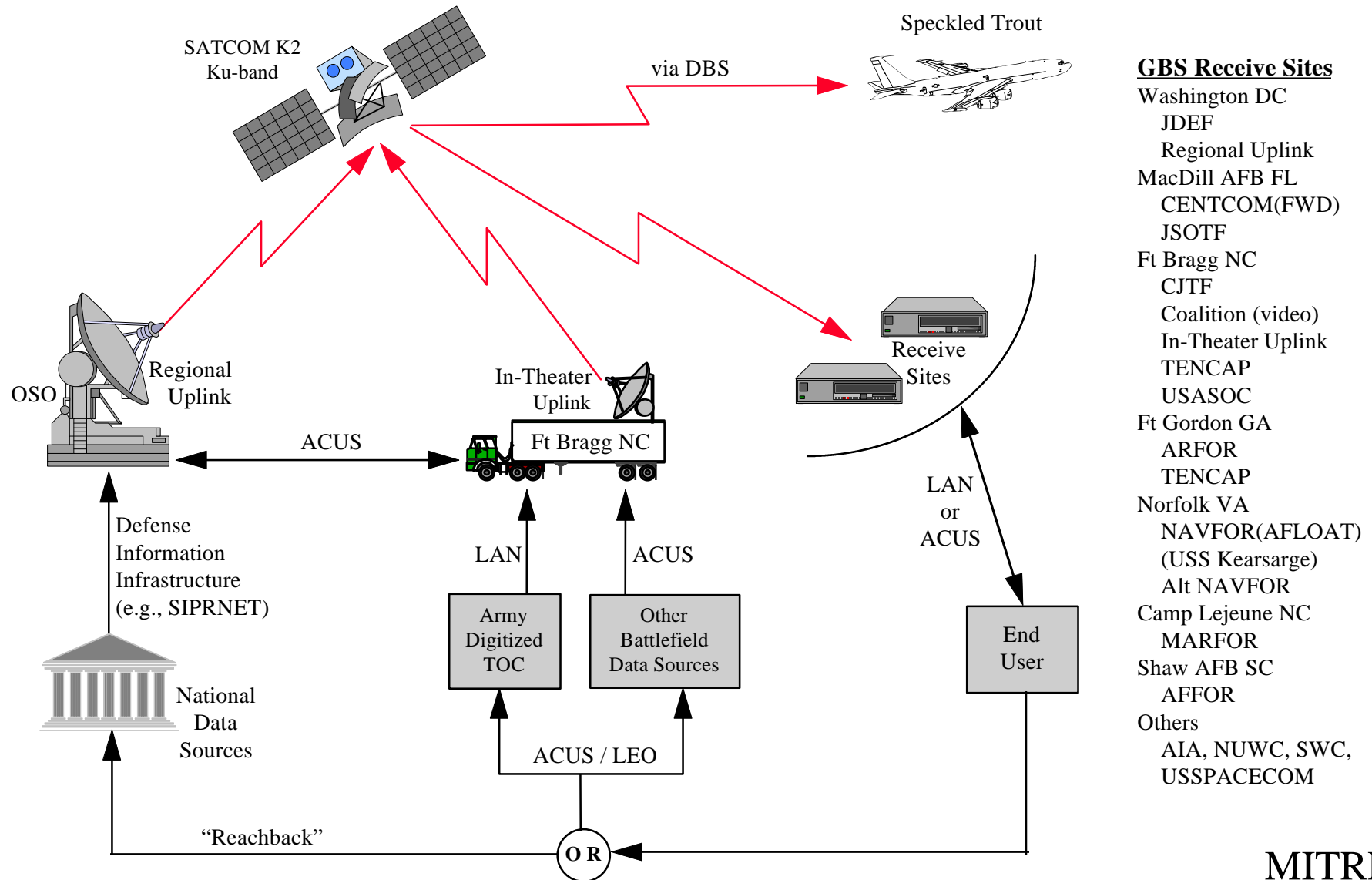
JWID 96 Scenario

- 0 **The scenario encompasses two countries in the USCENTCOM AOR: Korona and Kartuna. Korona, the aggressor, is massing ground troops on its southern border poised to conduct military operations against the northern border of Kartuna.**
- 0 **Intelligence indicators project a threat to Kartuna's most holy city, Kalena.**
- 0 **The JWID scenario will use a real map of the south eastern United States encompassing Virginia, North Carolina, South Carolina, Georgia and Florida. This map, available with digital terrain elevation data from the Defense Mapping Agency (DMA), is allied releasable. The place names will be notional but the geographic locations will be accurate in relationship to one another based on this map.**

Friendly Forces

- 0 **Two Carrier Battle Groups (CVBG) (one in place and one in transit)**
- 0 **One Amphibious Ready Group (ARG)/Marine Expeditionary Unit (MEU)**
- 0 **One Airborne Brigade Task Force (ABN BDE TF)**
- 0 **One Composite Air Wing**
- 0 **Intelligence Surveillance Reconnaissance (ISR) Assets**
- 0 **One Joint Special Operations Task Forces (JSOTF)**
- 0 **Army War Reserve (AWR-3)**

GBS Demonstration Configuration



MITRE

Remaining Milestones

Final Planning Conference	17 - 21 June 1996
JWID Setup Infrastructure	22 July - 5 August 1996
USS Kearsarge	29 July - 5 August 1996
Demonstrations	5 - 7 August 1996
Training, Opthread walk-through and technical freeplay	8 - 13 August 1996
Demonstration Assessment	12 - 23 August 1996
Scenario Execution	14 - 23 August 1996
Media Day	23 August 1996
VIP Week	26 - 30 August 1996
Hotwash	24 - 27 September 1996

JW-067 Objectives

- 0 To evaluate the effectiveness of the MXF's ability to provide access to imagery and other information using only disadvantaged tactical communications links**
- 0 To evaluate the effectiveness of the MXF's ability to provide access to imagery and other information using disadvantaged tactical communications links and GBS**

MXF Overview

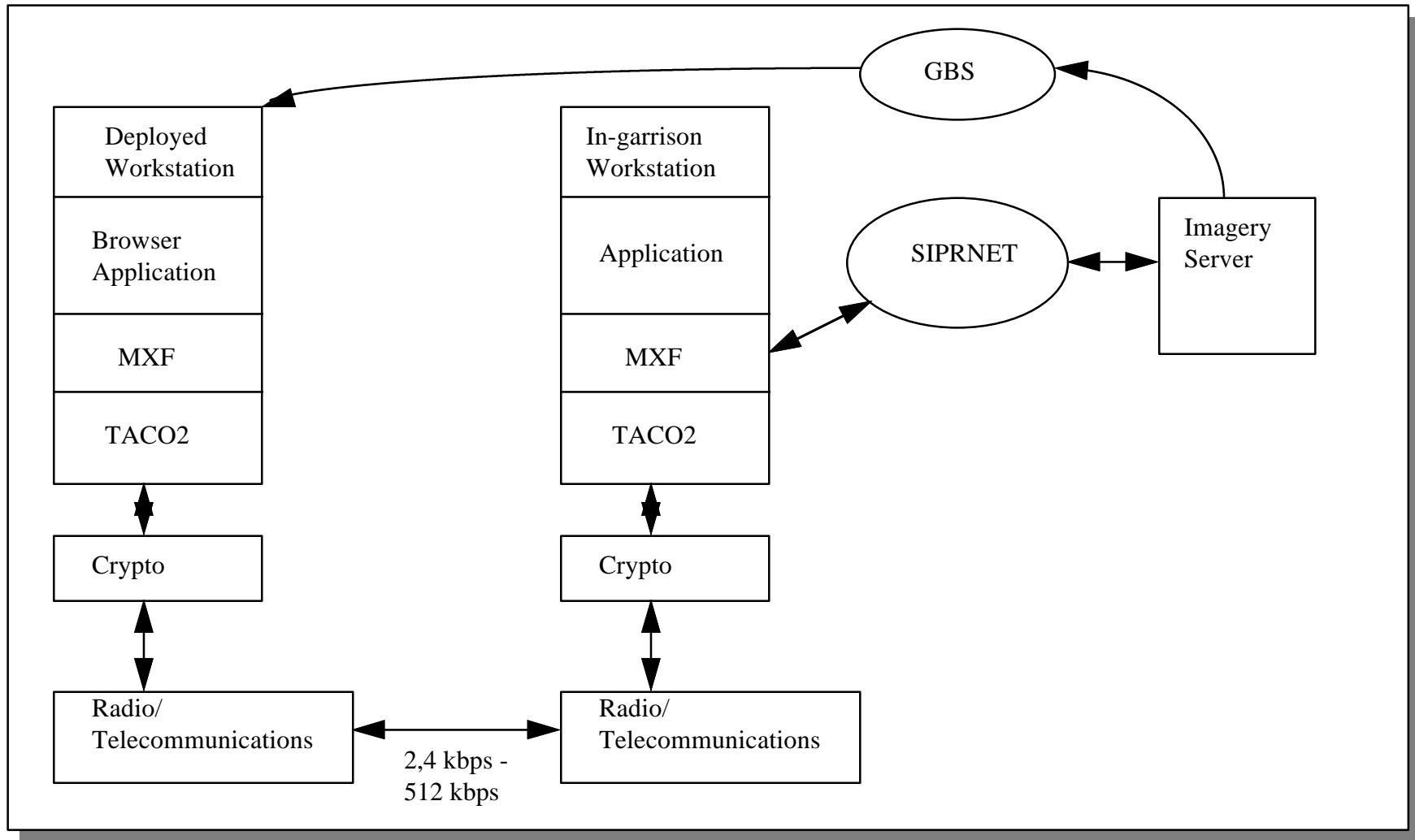


Figure 1. MXF Overview

Primary Site

- 0 **CENTCOM, MacDill AFB FL**
- 0 **J2 Support**
- 0 **Two communications circuits will be used:**
 - **25 kHz UHF, KY-57, ADC**
 - **5 kHz UHF, ANDVT, No FEC box**
- 0 **SCI-level operation**
- 0 **RDI Powerlite SPARC notebook computers at each end of each link**

Secondary Site

- 0 **Ft. Bragg NC**
- 0 **Primary support TBD**
- 0 **Probably a single comm circuit**
 - **Some equipment on loan from JITC, UltraSPARC from another DMA demonstration**
- 0 **Secret-level operation**

Concerns

- 0 **Use of GBS depends on sharing of \$60K receiver site**
 - **May be only simulated**
- 0 **Use of IPA via Intellink currently requires FTP of the desired image**
 - **May focus on locally-built pages at MacDill**
 - **Demonstrate access to, but not retrieval from, IPA if http retrieval is not available**
- 0 **MacDill has a seriously interested user, with something to gain from participation. We haven't yet found that user at Ft Bragg (but we're still looking)**